Task card 1 Word Problems

A rental shop has bicycles (x) and tricycles (y). There are 24 of them with 60 wheels in total. How many bicycles and tricycles are there?

Task card 2 Word Problems

Sandwiches (x) cost $4 and drinks (y) cost $2. A group buys 19 items for $60. How many sandwiches and drinks did they buy?

Task card 3 Word Problems

A school play sold 24 tickets for $174. Adult tickets (x) cost $8 and student tickets (y) cost $5. How many of each were sold?

Task card 4 Word Problems

The sum of two numbers x and y is 22 and their difference $x - y$ is 4. Find x and y.

Task card 5 Word Problems

A farm has chickens (x) and cows (y). There are 16 heads and 38 legs. How many chickens and cows are there?

Task card 6 Word Problems

Mia (x) is 20 years older than her cousin Leo (y). Together their ages add up to 50. How old is each?

Task card 7 Word Problems

A jar has 20 coins, all quarters (x) and dimes (y). Together they are worth 470 cents. How many of each coin are there?

Task card 8 Word Problems

A test has 34 questions worth 128 points in all. Some are worth 2 points (x) and the rest 5 points (y). How many of each kind are there?

Task card 9 Word Problems

A school play sold 29 tickets for $202. Adult tickets (x) cost $8 and student tickets (y) cost $5. How many of each were sold?

Task card 10 Word Problems

A jar has 23 coins, all quarters (x) and dimes (y). Together they are worth 545 cents. How many of each coin are there?

Task card 11 Word Problems

A rental shop has bicycles (x) and tricycles (y). There are 5 of them with 13 wheels in total. How many bicycles and tricycles are there?

Task card 12 Word Problems

The sum of two numbers x and y is 34 and their difference $x - y$ is 16. Find x and y.

Task card 13 Word Problems

A test has 20 questions worth 61 points in all. Some are worth 2 points (x) and the rest 5 points (y). How many of each kind are there?

Task card 14 Word Problems

Mia (x) is 28 years older than her cousin Leo (y). Together their ages add up to 74. How old is each?

Task card 15 Word Problems

Sandwiches (x) cost $4 and drinks (y) cost $2. A group buys 27 items for $88. How many sandwiches and drinks did they buy?

Task card 16 Word Problems

A farm has chickens (x) and cows (y). There are 16 heads and 44 legs. How many chickens and cows are there?

Task card 17 Word Problems

A school play sold 18 tickets for $117. Adult tickets (x) cost $8 and student tickets (y) cost $5. How many of each were sold?

Task card 18 Word Problems

The sum of two numbers x and y is 37 and their difference $x - y$ is 3. Find x and y.

Task card 19 Word Problems

A jar has 14 coins, all quarters (x) and dimes (y). Together they are worth 245 cents. How many of each coin are there?

Task card 20 Word Problems

A test has 30 questions worth 105 points in all. Some are worth 2 points (x) and the rest 5 points (y). How many of each kind are there?

Task card 21 Word Problems

Mia (x) is 10 years older than her cousin Leo (y). Together their ages add up to 24. How old is each?

Task card 22 Word Problems

Sandwiches (x) cost $4 and drinks (y) cost $2. A group buys 24 items for $82. How many sandwiches and drinks did they buy?

Task card 23 Word Problems

A rental shop has bicycles (x) and tricycles (y). There are 8 of them with 18 wheels in total. How many bicycles and tricycles are there?

Task card 24 Word Problems

A farm has chickens (x) and cows (y). There are 29 heads and 90 legs. How many chickens and cows are there?

Word Problems Task Cards

Recording sheet · Grade 9 · Read each problem and solve for both unknowns.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Word Problems Task Cards: Answer Key

Grade 9 · Medium

The answers online

1. x = 12, y = 12	**2.** x = 11, y = 8	**3.** x = 18, y = 6
4. x = 13, y = 9	**5.** x = 13, y = 3	**6.** x = 35, y = 15
7. x = 18, y = 2	**8.** x = 14, y = 20	**9.** x = 19, y = 10
10. x = 21, y = 2	**11.** x = 2, y = 3	**12.** x = 25, y = 9
13. x = 13, y = 7	**14.** x = 51, y = 23	**15.** x = 17, y = 10
16. x = 10, y = 6	**17.** x = 9, y = 9	**18.** x = 20, y = 17
19. x = 7, y = 7	**20.** x = 15, y = 15	**21.** x = 17, y = 7
22. x = 17, y = 7	**23.** x = 6, y = 2	**24.** x = 13, y = 16